

REMARKS

In the Office Action, claims 1-10 are withdrawn from consideration, claims 11-19 are rejected under 35 U.S.C. §112 as being indefinite, and claims 11-19 are further rejected under 35 U.S.C. §101 as being directed to non-statutory subject matter.

In response to the office action, claims 1-19 are cancelled and new claims 20-31 are presented to direct the invention to statutory subject matter, and clearly define the subject matter of the invention in a patentable way to overcome the rejections under 35 U.S.C. §101 and 35 U.S.C. §112. More specifically, the new claims are written to comply with the requirements of 35 U.S.C. §112, and the subject matter of the invention as recited in the base claims 20, 26 and 29, “an apparatus for time synchronization and code identification for cell detection in an orthogonal frequency division multiplexing (OFDM) based cellular communication system”, clearly defines the invention as an apparatus (machine) with practical application (time synchronization and code identification for cell detection in a cellular communication system).

The above amendment has been made without prejudice. Claims 20-31 are now in full condition for allowance. Applicants respectfully request that a timely Notice of Allowance be issued for this application.

Respectfully submitted,

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